



Renton Technical College

Submit the correct answer to the following problem of the week before next Monday (2/15/10) at 6pm and you will be eligible to

Win \$5 in “Bakery Bucks”

Problem of the Week

Because this was the week of the Super Bowl, this question deals with football. In football, teams can score 6 points with a touchdown, 3 points with a field goal or 2 points with a safety. Additionally, after a touchdown, teams can score 1 bonus point with a field goal kick or 2 bonus points with a 2-point conversion. The final score of a particular football game was 13 to 11. If every touchdown is followed with a successful bonus point attempt (1 or 2 points), how many different scoring combinations could have resulted in the losing team's 11 points?

Here are the rules for submitting answers to the problem of the week and the prizes associated with winning:

- Any RTC student or employee can submit an answer.
- Answers must be submitted in writing, on a piece of paper, in person at the Math Tutoring Center no later than 6pm on Monday (1/25/10) **(NO email submissions will be accepted).**
- Please include your name, phone number or email address on your submission so that you can be contacted if you are the winner.
- The winner will be randomly selected from all of the correct submissions.
- The winner will be notified by email or phone.
- All “Bakery Bucks” not claimed within one week will be forfeited.
- “Bakery Bucks” can only be used at the RTC Bakery.
- No change will be given on any purchases paid for with “Bakery Bucks”.
- Any part of a purchase that exceeds the amount of the “Bakery Bucks” is the responsibility of the purchaser.